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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 3725

In re

Patent Application of

Mark S. Lutz

Application No. 10/808,222

Confirmation No.: 5036

Filed: March 23, 2004

Examiner: Faye Francis

"REFINER SENSOR AND COUPLING  
ARRANGEMENT"

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(c)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of non-U.S. patent references are attached. This Statement is also being accompanied by a check in payment of the \$180.00 fee required under 37 CFR §1.17(p). Please charge or credit Deposit Account No. 13-3080 with any shortage or overpayment of the required fee.

Citation of these references is respectfully requested.

I, Kelly Roberts, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

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*Kelly F. Roberts*  
3/23/2006

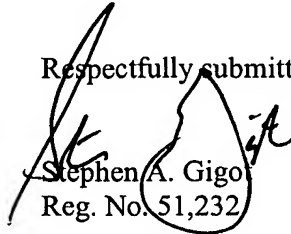
03/29/2006 MBIZUNES 00000014 10808222

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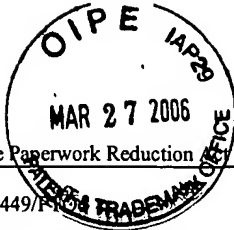
No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

  
Stephen A. Gigo  
Reg. No. 51,232

File No. 049256-9004

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Phone: (414)271-6560



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/808,222
				Filing Date	03/23/2004
				First Named Inventor	Mark. S. Lutz
				Group Art Unit	3725
				Examiner Name	Faye Francis
Sheet	1	of	8	Attorney Docket Number	049256-9004

**U.S. PATENT DOCUMENTS**

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	1,151,131	Starliper	8/24/1915
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	3617717	Smith	11/2/1971
	3650891	Dahlin	3/21/1972
	3711687	Stout et al.	1/16/1973

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## U.S. PATENT DOCUMENTS

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		3847359	Holmes et al.	11/12/1974
		3867205	Schley	2/18/1975
		3947668	Al-Shaikh et al.	3/30/1976
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		4581300	Hoppin III, et al.	4/8/1986
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		4878020	Karna et al.	10/31/1989
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		5067660	Reinhall	11/26/1991
		5071514	Francis	12/10/1991
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				Examiner Name	Faye Francis
Sheet	7	of	8	Attorney Docket Number	049256-9004

## U.S. PATENT DOCUMENTS

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		D431826	Karlstrom	10/10/2000
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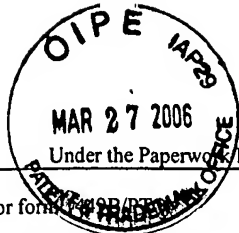
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
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	DE	2145096	PAUL HAUSER KORUMA- MASCHINEN	1/11/1973		
	EP	0640395	ALLSHOUSE GARY W (US); CAWTHERN JAMES E JR (US); HOPKINS RANDALL K (US)	3/1/1995		
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	WO	83/01969	WIKDAHL NILS ANDERS LENNART (SE)	6/9/1983		
	WO	89/00624	PIETINEN PERTTI (FI); SAVONJOUSI ASLAK (FI)	1/26/1989		
	WO	96/14156	KARLSTROEM ANDERS (SE); ENGSTRAND PER (SE)	5/17/1996		
	WO	97/23018	GRUNDSTROEM GOERGEN (SE); KARLSSON NICLAS (SE)	6/26/1997		
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	WO	98/48936	DE RADIGUES HERVE (BE); HINDRYCKX JEAN-CLAUDE (BE)	11/5/1998		
	WO	98/58243	KARLSTROEM ANDERS (SE); GRUNDSTROEM GOERGEN (SE)	12/23/1998		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
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	1	W.E. LUNAN, K.B. MILES AND W.D. MAY, The Effect of Differential Pressure on Energy Consumption in Thermo-mechanical Pulping, Journal of Pulp and Paper Science; vol. 11, No. 5, Sep. 1985, pp. J129-J135.
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	3	H.R. DANA, W.D. MAY, K.B. MILES and B.G. NEWMAN, Pulp and Paper Research Institute of Canada, Pointe Claire, P.Q., A Study of Steam Flow and Self-Pressurization in Chip Refiners, Transactions, vol. 1, No. 3, Sep. 1975, pp. 82-88.
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	9	ESKO HARKONEN, SEPPO ROUTTU, ARI RUOTU AND OLA JOHANSSON, A Theoretical Model for a TMP-Refiner, Jun. 9-13, 1997, pp. 95-102, 1997 International Pulping Conference, Stockholm, Sweden.

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Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	10	B.G. NEWMAN, M.I. STATIONWALA AND D. ATACK, Pulp and Paper Research Institute of Canada, Analysis of Steam Flow in Disc Refining, SPCI International Mechanical Pulping Conference, May 6-10, 1985, pp. 60-67.
	11	PER A. GRADIN, OLA JOHANSSON, JAN-ERIK BERG AND STAFFAN SYSTROM, Measurement of the Power Distribution in a Single Disc Refiner, J. Pulp Paper Science 25, No. 11: 384-387 (1999).
	12	M.I. STATIONWALA, D. ATACK, J.R. WOOD, D.J. WILD, AND A. KARNIS, Pulp and Paper Research Institute of Canada, The Effect of Control Variables on Refining Zone Conditions and Pulp Properties, Pap. Puu 73, No. 1: 62-69 (Jan 1991).
	13	MARC. J. SABOURIN, ERIC XU, J. BRAD CORT, IVAN BOILEAU AND ANDREW WALLER, Optimizing Residence Time, Temperature and Speed to Improve TMP Pulp Properties and Reduce Energy, Pulp Pap. Can. 98, No. 4: 38-45, Apr. 1997.
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				Filing Date	03/23/2004
				First Named Inventor	Mark. S. Lutz
				Group Art Unit	3725
				Examiner Name	Faye Francis
Sheet	3	of	6	Attorney Docket Number	049256-9004

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	19	OMEGADYNE™ Pressure, Force, Load Torque Databook (1996), Chapters B, C, D, E, F, G, H, and J.
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